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p 481 of no 10  
of the Colic

I formerly treated of Colic as a form of the  
intestinal state of fever. <sup>This state of Colic</sup> It is known 1 by  
its prevailing during the existence of bilious  
fever. 2 by a discharge of bile upwards or  
downwards, & 3 by its being attended with  
fever commonly preceded by chills. This  
last mark is taken notice of by Dr. Sydenham.  
It is generally seated in the Liver.

Our business at present is to treat of  
the Colic as a disease of the alimentary  
& seated chiefly in its muscular fibres  
of the Colon.

It is attended with great pain, a sense of  
fury, a retraction of the abdomen, suppression of  
urine, hiccup, ~~convulsions~~ twisting about the navel, ~~vomiting~~ <sup>retching</sup> &  
generally ~~convulsions~~ <sup>involuntary</sup> motions. It is called Colica  
Dry belly, ~~Colica~~ <sup>Colic</sup> ~~and retching~~ <sup>Colic</sup>.

It is sometimes ~~dry belly~~ <sup>dry belly</sup> & sometimes  
the faeces are ejected by vomiting. The  
disease is now called "involuntary".

Some persons who have this symptoms.  
First who died to this symptom had a total inability to move, on  
press the abdominal muscles on the bowels.



+ A temporary gutta serena, & a quiet <sup>or</sup> <sup>& convulsions</sup> <sup>silent</sup> delirium. Sometimes attends this disease.  
It has been called by one West India writer an  
intoxicated Tetanus. Natives & old immigrants are most subject  
to it. # Cyder taken in large quantities is said to  
produce it - hence its frequency in Devonshire (a  
great Cyder Country) in England - Low wines or  
produce it likewise.

(It is sometimes blended with the symptoms of  
an intestinal state of fever. This may always  
be known by a discharge of Bile upwards or  
downwards, or by febrile symptoms particularly  
Chills or a Chill preceding it - Typhus.  
66 Lard - better indirect adjuvant.

# It was lost on Catherine of Russia  
by laughter. The next day it ended in  
Apoplexy. 6 Russell's perspiration. It is thus  
induced in the East Indies, by one of the  
causes that induce Tetanus - viz. sleeping on the ground. It  
is known by a hardness  
like a lump on the belly. seen now  
often & Stuart has showed in the  
yellow fever. (a) & sections show the



+ ~~Cancer~~ This disease is 2 remote & exciting  
induced by the following causes.  
~~It is often only a symptom of that~~

1 all the causes which induce Gout & Hysteria  
& Hippochondriasis.

2 By certain Aliments <sup>drinks</sup> taken or other matters  
taken into the stomach which act directly  
upon the bowels. These are unripe fruit, raw  
- cut - formed around these stones -  
vegetables - Cabbage - sour milk, fat meats  
Aseptic &

Meat, pork, honey, & fermented liquors, &  
liquors with lead, and the fumes of lead

acting upon any part of the body. Cats & Dogs  
offspring I Geo Baker says subject to it. Worms this head.

3 By diseases of contiguous parts particularly  
the liver & kidneys. The former is known

by decubitus only on the right side, - the  
latter by turbid urine. <sup>By pressure on the sides is high & so to</sup>

4 By a deranged state of the bowels from  
mysteries, and from Asthenia. It is sometimes  
caused by the bowels being kept in a state of  
interception.

5 - by strong tea - cold - fatigue  
& passions of the mind - & even a tight shoe.  
brown over to & & & Dispositions



Dissections show the following appearances: 1 no marks of disease of any kind. 2 Inflammation. 3 Adhesions of the intestines to each other. 4 Intussusception of the intestines, with or without the two parts of the intestine adhering to each other. 5 a Stricture of the intestine of which with a reduced diameter of the gut. 6 Spasms in different parts of the bowels hence the origin of Typhoid. This was first discovered by Pyrexia. That spasms will survive death we learn from D. Haese who saw the Spasms from tetanus several days after death. 7 a knot in the intestines like a tumor. This was discovered by Desmoures. 8 water in the brain. 9 mortifications. 10 Absence of fever. (The disease is invited by natural or acquired intestinal predisposition or acquired abdominal predisposition) 11 The same remote & existing causes which induce it, bring on other diseases in other persons who are affected by predisposition in other systems. I have once known this intestinal predisposition to be hereditary. 12







Robertus et al.



~~the~~ The cure divides itself into two parts. viz: the treatment of the paroxysm, and the preventing its occurrence, or removing the predisposition in the intestines - or curing the colic diathesis. ~~as the intestinal predisposition~~

I Remedies for paroxysm are

1st. - what! bleed - where there is no fever - no tension - or fulness of the pulse - and no inflammation? Yes - bleed to prevent fever & inflamm<sup>n</sup> - may more bleed - to prevent death without either of them. Recollect the facts from Morgagni <sup>formerly mentioned</sup> who saw death from Colic in which <sup>he</sup> discovered no one sign of inflamm<sup>n</sup> or mortification. Dis- ease here transcends inflamm<sup>n</sup> effu- sion. - Bleeding alone often cures Colic especially where it induces fainting. If it facilitates the reduction of a



+ It is indicated more certainly when the Colic arises from Gout, or an Affection of the Liver or Kidneys.

v I have seen water in which tobacco  
smoke has been blown by a pipe, taken  
in a small quantity give as sudden  
relief as Lig: Laud.<sup>m</sup> ~~Burdock~~ <sup>The</sup> seeds of  
the Burdock made into a tea have in one  
instance that came under my knowledge given  
immediate relief. After the pain in the bowels  
has been removed (it not before) give 3<sup>ly</sup>  
+ Citizens of Philad<sup>a</sup> who

has been removed (I don't say by)  
 & I know an ancient Citizen of Philad<sup>a</sup> who  
 has often cured himself of this disease in its first  
 Attack by drinking <sup>lots</sup> of cold water. He was led  
 to the use of it by ~~a~~ reading a publication by  
 Dr. Franklin. ~~in the year~~ It acts by its relative and  
 relaxing qualities.  
 A suppository made ~~thus~~ kept in the anus  
 made of the following ingredients has been found  
 useful. R. Gum. myrrh & Croci a ʒss Opia ʒi mixed  
 up in the yolk of an egg thony. Lph. German.



5  
dislocated bone, & the pain of  
position, is it any wonder it ~~is~~  
- by a colic. The vt. shd be copious,  
or repeated till the pain is so far miti-  
-gated, as to render

2 Opium safe & proper. It should be  
given in small, but repeated doses till  
ease is obtained. Apapetida given with it  
Dr Quier says tends to prevent palsy of the limbs.  
3 Laxative medicines. Begin with salts.

Curr. Tartar & Castor Oil - afterwards  
give Jalap, Rhub. & Calomel. Aid  
them by opening Glysters. They

may <sup>be</sup> stimulating from ~~their~~ <sup>the</sup> quality  
as Salts, or from <sup>Turpentine, Brandy or smoke of Tobacco.</sup> ~~their~~ quantity

from this to this has of warm water  
injected into the bowels have often  
cured this disease by distending the bowels.

~~Tobacco Glysters of smoke or infusion of tobacco.~~  
I have in several instances relaxed &  
opened by the bowels by Glysters of cold water.  
moist 3<sup>rd</sup> grade of heat: in bowels 2<sup>nd</sup> stomach



V = more mode of treating this disease, but the <sup>late</sup>  
Dr Cadwallider of this city improved it by  
never giving laxative and before the 4<sup>th</sup> or 5<sup>th</sup> <sup>the</sup>  
day, & then those of the most ancient kind. <sup>The</sup>  
<sup>late</sup> Dr Warren of London has adopted this prac-  
-tice, and has recommended it in high terms  
in the med<sup>l</sup> Transactions. <sup>he says</sup> Possibly it saves  
the limbs from palsy, & shortens the duration  
of the disease. Possibly the use of V.S. may render  
this slow mode of cure less necessary. I have  
never met with a case of palsy in ~~an~~ any person  
of any patients, <sup>for</sup> and I have bled in the Colic  
for <sup>many</sup> ~~near~~ 20 years. The time to ~~begin~~ begin to  
give purges Dr Warren says is when the pain  
assumes the form of gripping, & is felt below  
the navel.

† mustard to ankles or feet often gives  
more prompt relief than Blisters. It  
should be applied where we wish to <sup>a</sup>  
prompt effect. Chatterton.



In the West Indies Gum Guaiac & Sae a Zij  
Agfort Ziv have have given with advantage.  
~~also Sae a Ziv have given with advantage.~~  
Crude & has sometimes been given to open  
the bowels, but I believe seldom with  
any advantage. ~~This is the com.~~ <sup>gent.</sup> This is the com.

4 The warm Bath. This should never  
be omitted. I have often seen it act like  
a Charm in giving ease, & opening the  
bowels.

5 Blisters. They should be applied to the  
Thighs, Wrists, & Ankles. I have often  
used them with success. Remember the  
connections between the skin & the  
bowels. Dr Sherr calls them Antagonist  
muscles. Dr Geo Baker advises them to the bowels. <sup>external region of the</sup>

6 Relaxing & stimulating Applications to the bowels.  
~~stimulating~~ as Sweet Oil - Spirit - Laudanum,  
& even friction with a warm & Dry  
hand.



The propriety of this remedy is proved by a  
✓ ~~warren says he has a spontaneous~~  
~~salivation case~~ <sup>having cured</sup> it in 4 cases related by Dr  
Warren. <sup>in his</sup> ~~the late~~ <sup>that a nation of</sup> Indians  
whom he saw on his way to the pacific ocean, cured  
the Colic by ~~deep~~ <sup>trampling</sup> on the bellies of persons  
affected with it. <sup>the patients sometimes cure themselves</sup>  
+ <sup>by pressing their bellies against a stick.</sup> no relief should be considered as certain  
or durable, untill a Diarrhoea is induced, or  
a gripping felt below the navel.



7 Throwing cold water all over the belly,  
after placing the patient upon his feet  
upon a hearth. It induces reaction &  
a determination to the skin, which  
sometimes gives immediate relief.

The late Dr Bastram used it with success  
in South Carolina. <sup>partly in this city</sup> I know a ~~man~~ <sup>man</sup> ~~instance~~  
~~who used to cure himself by drinking immediately of cold water. It had~~  
& a salivation. This is an almost certain  
~~remedy~~ <sup>remedy</sup>. The bowels open as soon as the  
sponges to his place in the mouth. ~~Dr. V~~

The symptoms of a favourable  
issue of the disease are.

- 1 a discharge of wind downwards.
- 2 a plentiful discharge of Urine after  
it has been obstructed. 4 a gentle sweat,
- 3 the discharge of Sybilla. 5 D<sup>o</sup> of Worms.

6 great sensibility of the skin especially  
on the lower limbs, & soles of the feet.  
It often terminates in palsy of the  
lower & upper extremities, from <sup>lympa</sup> ~~lympa~~ <sub>thy</sub>



The only  
# 1/2 man who has escaped it in a warm  
in this city  
of lead bed lives wholly on fat pork.

✓ Francis Citesius a French physician  
who wrote in the year 1639, says this disease  
made its appearance immediately after the  
disuse of furs & skins in drefs - a proof that  
cold is one of its remote & existing cause!  
- the feet in a more especial manner shd.  
be protected from wet & cold.

① This disease was very common while I  
was a student of medicine, & for the first few  
years after I settled in Philad<sup>a</sup> - It is now a rare  
disease. I have ascribed its ~~ap~~ disappearance to  
three things. 1 The more general use of flannel  
next to the skin among both sexes - 2 to the  
at 12 o'clock  
disuse of punch, 3 the abolition of late  
and heavy suppers. 4 right air in houses.  
The two former have  
nearly driven it from West Indies. And Drinks  
with warmth than their morbid effects only in the  
drinks in the form of Rheumatism. But not when



between those parts of the bowels - that  
is from both being affected with palsy.  
The palsy of the bowels is owing to their  
being left to wear out their exuberant  
excitability from the want of depleting  
remedies. vs. I believe we always promote  
it. I have <sup>all its exciting causes should be avoided.</sup> never had a colic which  
ended in palsy under my care. —

The prophylaxis, or preventing  
the recurrence of this disease. The means  
for this purpose are

- 1 Avoiding all its remote & existing  
causes. <sup>should be avoided.</sup> especially costiveness & an excellent  
2 ~~avoiding costiveness~~ medicine for this purpose  
2 a diet ~~consists~~ is a teaspoonful of  
Cude tartar - Curr: 4 & Sal Tart a p.c.  
called 3 tartars. <sup>The very smell of paint when</sup>  
2 a diet of oily aliment - <sup>from lead has excited it & even</sup>  
<sup>meaning cleavage which had been exposed to fumes of lead</sup>  
who live on pork exempted from it.  
4 ~~from meat to the flesh & 4~~  
regular exercise. <sup>especially on horseback.</sup>  
The Egyptian Diet.



taken in camp with the body <sup>exposed</sup> ~~subject~~ to a <sup>de</sup> ~~second~~  
stoppage of perspir<sup>n</sup>: from thin dreses - this  
morbid effects appear in ~~pr~~ colic, and in a  
palsy of the extremities. -

There is a disease of the bowels known by the  
name of the Niac-pasion which is seated in the  
upper intestines. It is accompanied with less pain  
but more fever than the colic I have described. A  
vomiting generally attends it in which faeces are  
sometimes ejected which arises ~~not~~ from a rupture,  
but a relaxation of the ~~valve~~ of the Colon. Its causes  
& remedies are ~~the~~ nearly the same as Colica pictorum.

When white the disease is called <sup>the</sup> ~~the~~  
Celica flux. - I have supposed this to be <sup>Chyle</sup>  
& derived from the liver. The watery stools I have  
supposed ~~to be~~ to be a secretion from the liver.  
+ frequent discharge of mucus with any  
mixture of bile or faeces from the bowels.  
Mr. Linnich - Mr. Lualy died with it. I have  
called it a Gonorrhoea of the bowels. Vogel  
calls it Leucorrhoea - from its resembling  
Gonorrhoea in women.

again - <sup>this is called</sup> the Aliment is discharged  
but little changed. <sup>secretory</sup> lastly - pus or purulent  
blood from Abscesses. -



Dysentery

~~This affection of the bowels is the effect of local debility local & general.~~

Frequent stools with a pain sometimes of a burning nature, without fever. The stools are mucous, - liquid - dark colored, green & sometimes without any color. They are dark & green from a mixture of bile, & white <sup>and</sup> ~~from~~ watery. ~~a total absence of bile.~~ The stools ~~are~~ occur either in the day or night, or during both day and night. Sometimes there is a + I have before spoken of the Dysentery of fever.

It remains only to speak of it in its chronic form.

~~This~~ It is always ~~seen~~ <sup>natural or acquired</sup> ~~preceded~~ <sup>preceded</sup> by ~~indisposition which is attended with~~ <sup>indisposition which is attended with</sup> ~~general or local debility.~~ <sup>general or local debility.</sup> ~~envisaged ex.~~ <sup>envisaged ex.</sup> ~~It~~ <sup>the</sup> ~~citement~~ <sup>citement</sup> is attracted ~~to~~ <sup>to</sup> the bowels in consequence of their weakness,



✓  
2 acid, and putrid. Aliment, or Aliment  
not habitual to a patient.

3 Drastic purges.

4 worms.

Other causes which induce it are  
5 Obstructed lacteals, or mesenteric glands.

6 a want of excretion from the Liver, of hence  
the white stools - in some cases of Dysentery.

7 ~~Preternatural secretion & excretion from Liver - called~~

8 It is sometimes occasioned by the  
Hepatic flux, - or <sup>Diabetes</sup> of the liver. Indigestion - hence  
Absorption of pus from other parts  
meeting by <sup>part</sup> of the bowels, and its effusion upon the  
bowels.

9 By a Discharge of the Contents of ~~the~~ <sup>or of mesenteric glands.</sup>  
Abscess of the liver. - <sup>Stand Ford</sup>

~~10 The small of parvius & Spontaneous family~~

10 preternatural secretion & excretion of  
Bile - Chyle - or water from the liver, In  
when Chyle is discharged - I have called the  
Diabetes Chylous intestinalis - when water  
- Diabetes aquosus intestinalis.



indirectly upon them

from impressions, or irritants acting upon  
<sup>this</sup> other parts of the body. Sometimes it is excited  
 by local irritants. The irritants <sup>or act upon</sup> ~~the~~ <sup>offensive odors</sup> ~~are~~  
 The whole system <sup>the</sup> ~~are~~ heat, cold, fatigue, &  
 - usually of privies, &  
 fear & other passions of the mind. The

2. Local ~~are~~ <sup>irritants which act directly upon</sup> ~~acid secreted~~ <sup>are</sup>
3. ~~Drastic purges~~ <sup>the</sup> ~~the~~ <sup>are</sup> Alimentary Canal
4. Acid bile. ✓

It is often a symptom of Great

~~It is often occasioned by~~ <sup>is a</sup> In the  
 Southern States & West Indies it frequently  
 frequent disease from most of its causes.

~~It is called in~~ <sup>is a</sup> It is called in  
 Virginia the Downward Consumption. &  
 It frequently occurs & continues for  
 months & years during the struggle between  
 the Viscera & Arteries in middle life.

2. ~~It is~~ <sup>It is</sup> Sailors are often afflicted with  
 it from cold, fatigue & bad Aliment.

3. Pregnant women are often afflicted with  
 it. 4. It sometimes follows Dysentery.
5. I have known it continue for 15, & 20



v It is remarkable even the stomach  
performs its functions perfectly in  
these chronic cases of Diarrhoea. Persons  
even grow fat <sup>tho</sup> with this disease on them. In  
these cases I have supposed the liver chiefly to be in fault.  
+ Considering the how much the diseases  
of the head are relieved by a ~~Diarrhoea~~ morbid  
excitement in the bowels - <sup>would it</sup> ~~when it~~  
not be proper to excite a little morbid  
excitement in the ~~bowels~~ <sup>grad</sup> to cure this  
disease in the bowels by a strong dose of  
Opium?



years without appearing to impair health.  
Wm Smith - Gen Gates - the latter <sup>did not</sup> ~~above~~ 78  
1800. But it ~~much~~ <sup>often</sup> proves fatal  
in a few years. ~~000~~ ✓

### Remedies

from all its causes <sup>the</sup> W

1 In all cases of plethoric, <sup>some of</sup> and full &  
tense pulse - begin with Vd: You saw its  
good effects in the Prussian Sailor 1802  
also in - Brown in 1804.5 & in Wm H. 1806  
Dr Sydenham commends it in high terms.  
I used it several times in Mrs Howells Case in 1803  
2 Purges. Rhubarb tested should be  
preferred for this purpose.

3 Unguent of Opoeana repeated 2 or  
3 times a week. They determine to the  
skin, and counteract the increased pe-  
rialtic motion of the bowels.

4 Opiates - These should be given in small  
doses in the day, & in such doses <sup>at bedtime</sup> as to pre-  
vent rising in the night. I have given  
℞ ℞ ℞ ℞ a 9<sup>th</sup> of Opium 9<sup>th</sup> of erf; terdie.  
with success in this disease. Dover's powder is  
excellent. Promotes sweat.



+ Loaf sugar & Brandy - flour & brandy.  
Was in substance, or dissolved in milk by  
means of the white of an egg. - Not vinegar  
Gambages a to Q.

~~V Torries as Columbus root - guppies -  
Rust of Iron - they remove the  
the torpor on <sup>the</sup> the cortivene  
Depends.~~

✓ A sheet of paper boiled in this  
of milk cured it in a quart<sup>r</sup> in  
Maryland. After all the common  
Remedies for this disease had  
been used to purpose. I have.

I have known it to be too used  
in two persons by Lemonade, & punch,  
made rich w<sup>th</sup> sugar & some Juice.



med<sup>d</sup> 12

5 Astringent<sup>s</sup> - as pulv. Cortex with sal  
Tart & Laudanum - Somnifical root -  
pungent - Extract of periwinkle -

Thirt Green Kins - Galls. <sup>Sp. Nutmeg</sup>

or Cinnamon <sup>3ij</sup> <sup>water</sup> <sup>boil it to 1/2</sup>

Strain it, & add <sup>brandy or spirit</sup> ~~water~~ equal to <sup>a water</sup> spirit

left, & sugar as much as will make a

Syrup of w. give <sup>th</sup> Coh. i ter die - post line  
large dose of white vitriol. Dr Johnson. ~~+~~ +

6 A Diet regulated by the state of the system

of the system - if dark Col? stools attend

<sup>bilious</sup> it should consist of vegetables as Rice,

toasted - and in all its form - boiled with

gruel of boiled flours - Arrow root, ~~potatoes~~

toasted bread - ale & malt - potatoes <sup>be</sup> <sup>of</sup>

<sup>white</sup> ~~green~~ stools attend - animal & alkaline

diet - as Cheese - Eggs - salt meat - <sup>fowl</sup> ~~birds~~

and other cordial articles - particularly Porter.

Food difficult of digestion has sometimes cured it.

7 Sometimes a morbid Acrimony prevails  
in the bowels. Here Demulcent Drinks as  
plaster - & mallow tea - Also Mullen tea -



V Jos. Clark's nurse cured by sucking a  
woman she went to nurse of a  
Diantha of 3 years continuance.



Diantha - continued  
 commonly a pyrexia with great anæmia,  
 is one highly useful. I once knew this  
 of toast & water cured this disease pro-  
 -bably only by dilution. ~~with~~ ~~had~~ the  
~~same effect~~ a diet of milk has cured it. ✓  
 & Blisters. These ~~not~~ remedies act  
 powerfully in this disease. They often  
 cure <sup>it</sup> in a few days, & when repeated  
 seldom fail of curing it in a few  
 weeks. They sh<sup>d</sup> be applied to the wrists  
 and legs. Remember Dr. Thury's remark,  
 of the skin & bowels acting like anta-  
 -gonist muscles upon each other.

9 Glysters - of Starch - Broth - milk,  
 with Lard: also Spec: Zp Lard 950  
 Dr Clark recommends 7/8 sweet: in  
 Glysters to excite a new action in the



+ which is often the case in this  
disease - perhaps always in women  
climates. It is no sign that this has  
~~been~~<sup>not</sup> been the case - when the liver ex-  
hibits no mark of disease, <sup>nor the skin of bill.</sup> simple  
morbid excitement is sufficient to induce  
the Hepatic flux. ~~see~~ Gould's case. It  
should <sup>always</sup> be suspected where the functions of  
the stomach are unimpaired. —

✓ It ~~case~~ was followed by Catarrh  
& hoarseness in Roxier in 1806 Feb.



bowels. most proper <sup>14</sup> in. ~~when~~ <sup>in. Gonorrhoea of  $\frac{2}{3}$  Bowels.</sup>

10 - The warm Bath. Dr Tilton used to use the Diarrhoea of Soldiers with the Remedy. The Vapor Bath may be used <sup>the</sup> instead of it. <sup>the Remedy was</sup>

11 The Cold Bath. Driving cured by it.

12 a salivation. This is commended by Dr Clark. It succeeded in a failure in 18.01 in the hospital ~~when~~ after Blister & all other Remedies had been used to no purpose. It is more especially necessary when  $\frac{2}{3}$  liver is affected & <sup>It succeeded in - Broun in 1804.5.</sup>

13 ~~as a~~ Change of Residence. It has been induced by bad water, & by <sup>a</sup> ~~poor~~ offensive privies. By removing from both, a Cure has sometimes been effected. But the chief benefit of a Change of Residence is derived from a Change of Air.

14 a sea voyage. 15 a warmer climate.

16 exciting the Action of the Arterial System. I have twice known it cured by an accidental plussis, & that too in a single night after 3 months continuance. <sup>V</sup>



18 Bandages & Rollers About the  
Bowels, so as to <sup>stimulate</sup> ~~compress~~ the  
intestines by the action of the  
Abdominal muscles on them.

The Egyptian Remedy. Helped  
Thompson, & cured Mr Howel in 1803.

19 Dr Casey of N. Carolina informed  
me in a letter rec<sup>d</sup> from him in 1806  
that it was accidentally cured in one  
of his patients by a burn on the sole  
of his feet.

20 as the liver is often affected in  
this disease, what would be the effect  
of a Caustic applied to it? —  
21 what would be the effect of



It may be done by mustard or blistering  
 water applied to the skin.  
 17 warm drops, especially to the bowels & feet.  
 ✓ - All the exciting causes before mentioned  
 should be carefully avoided. When Diarrhoea  
 arises from worms - they should be dislodged -  
 - when from Gout - great pains shd be  
 taken to drive it to the feet by Stimulants  
 applied to them particularly to the great  
 toe.

1 It is a sign of Convalescence when  
 faeces are discharged before wind from  
 in going to stool - & vice versa when

Wind precedes the discharge of faeces.  
 2 And mutations are favorable. - or tryid  
 When this disease proves fatal, an inert state  
 of the bowels often takes place which I shall  
 call ~~Paralysis~~ ~~from~~ Diarrhoea. It would  
 seem as if external and internal nerves -  
 - & visceral & nervous fibres were upon



intoxication - upon the principle  
formerly mentioned in speaking  
of Opium? that is - exciting a new &  
stronger action in the brain? ~~turn back to~~

22 Dr Bonet recommends the application  
of astringents to the soles of the feet. He  
supposes they contract the vessels by  
their sympathy with the soles of the feet.  
turn back to p. 15 =



a footing in losing their visitability  
 and sensibility by the long duration  
 of disease. ~~and~~ It would seem further  
 as if ~~both~~ Disease, thus induced a  
 temporary, or a premature old age,  
 for what is old age - but <sup>reduced</sup> excitement  
 and expended excitability, or a that  
 state which I have called Stricture,  
 or a universal neuralgia - if I may  
 be allowed to coin a word to express  
 the torpor and stupor of the nervous  
 and muscular parts of the whole  
 system. —



